Stainless Steel Flanges

Stainless Steel Flanges are circular pipe fittings used to connect pipes, valves, pumps, and other equipment in a piping system. Their key role is to create a secure, leak-proof seal that allows for easy access and maintenance. Metafit Piping Industries delivers expertly forged and precision-machined flanges engineered to outperform in high-pressure and high-temperature conditions.

These flanges offer superior strength, exceptional resistance to rust and corrosion, high durability in extreme environments, and easy installation and dismantling. From saltwater conditions in marine engineering to high-heat oil refineries, our flanges provide consistent performance and structural integrity across industries.

They are essential pipe-fitting components used to connect pipes, valves, pumps, and other equipment in industrial piping systems. They provide a secure, leak-proof joint while also allowing easy assembly, disassembly, cleaning, and maintenance. Made from corrosion-resistant stainless-steel grades like 304, 304L, 316, 316L, and 321, these flanges perform exceptionally well in environments involving moisture, chemicals, high temperature, or high pressure.

Metafit Piping Industries stands at the forefront of industrial piping solutions, delivering world-class Stainless Steel Flanges trusted globally for strength, corrosion resistance, and long-term performance. As one of the leading Stainless Steel Flanges Manufacturers in India, we cater to the demanding standards of international markets across the USA, Germany, Saudi Arabia, Australia, and the UAE, ensuring reliable supply chains for mission-critical projects. We offer a comprehensive range of Stainless Steel Flanges Stockists to suit every application. Our inventory includes Slip-On Flanges, Weld Neck Flanges, Blind Flanges, Socket Weld Flanges, Threaded Flanges, and Lap Joint Flanges. Each type is manufactured in compliance with ASME, ANSI, DIN, EN, and JIS standards and available in various grades like 304, 304L, 316, 316L, and duplex stainless steels for added mechanical strength and resistance. As trusted Stainless Steel Flanges Manufacturers, Metafit Piping Industries guarantees every product complies with international standards such as ASTM A182, ASME B16.5, B16.47, and EN 1092-1. Our flanges undergo rigorous quality testing for dimensional accuracy, tensile strength, and corrosion resistance to meet global compliance across industries. Contact us

Key features of Stainless Steel Flanges are: Corrosion resistance, High strength, Heat resistance, Leak-proof sealing, Durable construction, Precise dimensions, Easy installation, Low maintenance, Chemical resistance, Hygienic surface, High pressure tolerance, International standard compliance, Versatility in applications.

Specifications of Stainless Steel Flanges are:

Size Range: 1/2 NPS to 40 NPS (15 NB to 1000 NB)

Class: 150#, 300#, 400#, 600#, 900#, 1500#, 2500#, PN2.5, PN6, PN10, PN16, PN25, PN40, PN63, PN100

Grades: F-304, 304L, 304H, 304N, 304LN, 316, 316L, 316H, 316Ti, 316N, 316LN, 310, 317, 317L, 321, 321H, 347, 347H, 904L, F-51, 53, 55, 60, 68

Specifications: ASTM, ASME, DIN EN

Type: SO, WN, SW, BL, THRD, Lap Joint, Orifice Type, Reducing Flanges, Spectacle Blind

Face: RF, FF, RTJ, T&G

Applications: Pipeline engineering, Marine industry, Power industry, Oil & gas industry, Waste water management, Aerospace, Plant engineering, Chemical industry, Food processing

Industry That Use Stainless Steel Flanges:

- Stainless Steel Flanges for Oil & Gas Industry
- Stainless Steel Flanges for Petrochemical Plants
- Stainless Steel Flanges for Power Generation
- Stainless Steel Flanges for Water Treatment Plants
- Stainless Steel Flanges for Shipbuilding & Marine
- Stainless Steel Flanges for Construction & Infrastructure
- Stainless Steel Flanges for Food & Beverage Industry
- Stainless Steel Flanges for Pharmaceutical Manufacturing

Conclusion:

Stainless steel flanges are a reliable, durable, and corrosion-resistant solution for connecting and securing piping systems across a wide range of industries. Their strength, precise design, and ability to perform under high pressure and temperature conditions make them a preferred choice for efficient, long-lasting, and maintenance-friendly operations.

For more information:

https://www.mfpind.com/stainless-steel-flanges-manufacturers-exporters-suppliers-stockists.html

Contact us at: info@mfpind.com/ +91-91725-59933

If any enquiries please contact us our support team will connect you as soon as possible